



Attorney Docket No.: 258763-454-15635

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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TC 1700

In re Application of:

Smyth, Ian C. et al.

Serial No.: 10/049,956

Group Art Unit: 1723

Filed: August 17, 2000

Examiner: David A. Reifsnyder

For: Hydrocyclone

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO/SB/08. One copy of each reference is attached.

It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

10/01/2003 HLE333 00000031 033923 10049956
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EXPRESS MAIL CERTIFICATE

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Lisa Thorin
Name: Lisa Thorin

Sept. 24, 2003
Date: September 24, 2003


This Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits. Accordingly, the fee under 37 C.F.R. § 1.17(p) is submitted herewith by the attached Fee Transmittal Sheet, charging Deposit Account No. 03-3923.

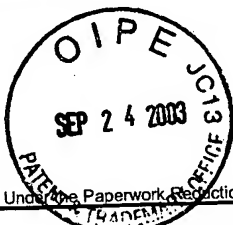
Respectfully submitted,

Smyth, Ian C. et al.

Date: September 24, 2003

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PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/049,956
Filing Date	August 17, 2000
First Named Inventor	SMYTH, Ian C. et al.
Art Unit	1723
Examiner Name	David A. Reifsnyder
Attorney Docket Number	258763-454-15635

Sheet 1 of 2

RECEIVED
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TC 1700**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,778,494	10/18/1988	Patterson	Figs. 4,6
		US- 2,341,087	02/08/1944	Dunham	Fig. 4; col. 2, lns 28-30, 49-52
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 97/28903	08-14-1997	Lloyd, et al.	Fig. 2; p. 5, lns 6-18	
		WO 97/05956	02-20-1997	Stolhand et al.	Fig. 2; p. 5, lns 1-11	
		WO 91/16117	10-31-1991	Bansal et al.	Relevant as background	
		GB 2 230 210 A	10-17-1990	Wakley et al.	Relevant as background	
		WO 89/08503	09-21-1989	Kalnins	Relevant as background	
		EP 0 259 104	10-19-1994	Smyth et al.	Relevant as background	

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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